

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	30750352	@pd<="20041127"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/04/09 13:06
L2	57705	(carrier or core or ferr\$5 or iron) with ("5"?? or "6"?? or "7"??) with (heat\$4 or temp or temperature or degree or sint \$7 or Cancin\$6 or fus\$7 or volit \$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/09 13:06
L3	30324	((ferr\$4 or iron) with carrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/09 13:06
L4	1951	L2 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/09 13:06
L5	713	L4 and L1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/04/09 13:06
L6	144	I5 and sinter\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/04/09 13:29
L7	14	rotary with sinter\$ with (retort or hammer\$3)	US-PGPUB; USPAT	ADJ	ON	2010/04/09 14:33
L8	3185	rotary with (retort or hammer \$3)	US-PGPUB; USPAT	ADJ	ON	2010/04/09 14:34
L9	38	I8 and ((ferr\$4 or iron) with carrier)	US-PGPUB; USPAT	ADJ	ON	2010/04/09 14:34
L10	12675	rotary with (sinter\$5 or furnace or kiln)	US-PGPUB; USPAT	ADJ	ON	2010/04/09 14:35
L11	10	I9 and I10	US-PGPUB; USPAT	ADJ	ON	2010/04/09 14:35
L12	3212	carrier with sinter\$5	US-PGPUB; USPAT	ADJ	ON	2010/04/09 14:36
L13	6	I8 and I12	US-PGPUB; USPAT	ADJ	ON	2010/04/09 14:36
S1	1	("20070154833").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/28 09:51
S2	1	("20030186156").PN.	US-PGPUB; USPAT	ADJ	ON	2008/05/28 09:52

S3	219	(430/111.31,137.13).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/28 10:24
S4	30	((kanao near2 kayamoto) or (hironori near2 hojo) or (toshio near2 honjo)).in.	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:24
S5	0	(electric oven) same (rotary sinter\$5)	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:25
S6	15	(rotary sinter\$5)	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:25
S7	1	S6 and S4	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:25
S8	2	S6 and carrier	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:25
S9	23	rotary and S4	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:26
S10	52059	(rotation speed) or (retort inclination) or (hammering frequency)	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:26
S11	3	S9 and S10	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:26
S12	25	(retort rotation speed) or (retort inclination) or (hammering frequency)	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:27
S13	1	S12 and S3	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:28
S14	1	S12 and carrier and toner	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:28
S15	2	S12 and ferrite	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:28
S16	35	(average particle) and shper\$5	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:30
S17	0	S12 and S16	US-PGPUB; USPAT	ADJ	ON	2008/05/28 10:30
S18	216	rotary with furnace with sinter \$5	US-PGPUB; USPAT	ADJ	ON	2009/02/25 14:39
S19	56577	(rotation speed) or (retort inclination) or (hammering frequency)	US-PGPUB; USPAT	ADJ	ON	2009/02/25 14:40
S20	8	S18 and S19	US-PGPUB; USPAT	ADJ	ON	2009/02/25 14:40
S21	0	S20 and (average sphericity)	US-PGPUB; USPAT	ADJ	ON	2009/02/25 14:40
S22	1	("20070154833").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/25 14:40
S23	1	S18 and S22	US-PGPUB; USPAT	ADJ	ON	2009/02/25 14:40
S24	1	S19 and S22	US-PGPUB; USPAT	ADJ	ON	2009/02/25 14:40
S25	0	S22 and (average sphericity)	US-PGPUB; USPAT	ADJ	ON	2009/02/25 14:41

S26	1	S22 and (average sphericity)	US-PGPUB; USPAT	ADJ	ON	2009/02/25 14:41
S27	1	S20 and (average sphericity)	US-PGPUB; USPAT	ADJ	ON	2009/02/25 14:41
S28	6	S20 and (spher\$6 or circ\$8 or (shape factor))	US-PGPUB; USPAT	ADJ	ON	2009/02/25 16:24
S29	1309264	(spher\$6 or circular\$8 or (shape factor))	US-PGPUB; USPAT	ADJ	ON	2009/02/25 16:57
S30	91	S18 and S29	US-PGPUB; USPAT	ADJ	ON	2009/02/25 16:57
S31	18	S18 same S29	US-PGPUB; USPAT	ADJ	ON	2009/02/25 16:58
S32	76595	S29 with particle	US-PGPUB; USPAT	ADJ	ON	2009/02/25 17:00
S33	48	S18 same particle	US-PGPUB; USPAT	ADJ	ON	2009/02/25 17:00
S34	14	S32 and S33	US-PGPUB; USPAT	ADJ	ON	2009/02/25 17:00
S35	3	S34 and ferrite	US-PGPUB; USPAT	ADJ	ON	2009/02/25 17:06
S36	1	(US-20070154833-\$).did.	US-PGPUB	ADJ	ON	2009/02/25 19:01
S37	1	(US-20070154833-\$).did.	DERWENT	ADJ	ON	2009/02/25 19:01
S38	1	2005-532963.NRAN.	DERWENT	ADJ	ON	2009/02/25 19:01
S39	130	430/111.32	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:20
S40	2870	(sint\$5 or fus\$4) with rotary	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:42
S41	132	430/111.32	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:42
S42	8	S40 and S41	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:42
S43	1	("20070154833").PN.	US-PGPUB; USPAT	OR	OFF	2010/04/05 10:44
S44	1	S40 and S43	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:44
S45	37	S41 and sinter\$5	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:44
S46	21	S45 and rotary	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:44
S47	1944	pre sinter\$5	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:45
S48	1	S46 and S47	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:45
S49	10	S46 and fus\$5	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:45
S50	98	S41 and (sinter\$5 or fus\$5 or calcin\$5)	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:49

S51	3533	pre (sinter\$5 or fus\$5 or calcin\$5)	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:50
S52	1	S50 and S51	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:50
S53	47	S50 and rotary	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:50
S54	24540	(sinter\$5 or fus\$5 or calcin\$5) with ("12"?? or "13"?? or "14"??)	US-PGPUB; USPAT	ADJ	ON	2010/04/05 10:59
S55	3	S53 and S54	US-PGPUB; USPAT	ADJ	ON	2010/04/05 11:00
S56	6714	(sinter\$5 or calcin\$5) with ("12"?? or "13"?? or "14"??)	US-PGPUB; USPAT	ADJ	ON	2010/04/05 11:06
S57	23072	ferrite with (core or carrier)	US-PGPUB; USPAT	ADJ	ON	2010/04/05 11:06
S58	129	S56 and S57	US-PGPUB; USPAT	ADJ	ON	2010/04/05 11:07
S59	7	S51 and S58	US-PGPUB; USPAT	ADJ	ON	2010/04/05 11:07
S60	13	S41 and (average with (diameter or size)) and uniform \$4 and (sphericity or circularity)	US-PGPUB; USPAT	ADJ	ON	2010/04/05 11:15
S61	90460	("5"?? or "6"?? or "7"??) with (sinter\$5 or fus\$5 or calcin\$5)	US-PGPUB; USPAT	ADJ	ON	2010/04/05 14:41
S62	11145	S54 and S61	US-PGPUB; USPAT	ADJ	ON	2010/04/05 14:47
S63	618	S62 and rotary and carrier	US-PGPUB; USPAT	ADJ	ON	2010/04/05 15:14
S64	54907	rotary with (speed or retort or hammer\$4)	US-PGPUB; USPAT	ADJ	ON	2010/04/05 15:15
S65	15	S63 and S64	US-PGPUB; USPAT	ADJ	ON	2010/04/05 15:15
S66	5996	(sinter\$5 or fus\$5 or calcin\$5) with rotary	US-PGPUB; USPAT	ADJ	ON	2010/04/05 15:16
S67	56	S62 and S66 and carrier	US-PGPUB; USPAT	ADJ	ON	2010/04/05 15:16
S68	40	S67 and (ferr\$3 or iron)	US-PGPUB; USPAT	ADJ	ON	2010/04/05 15:50
S69	6	S67 and ((ferr\$3 or iron) with (carrier or core))	US-PGPUB; USPAT	ADJ	ON	2010/04/05 15:51
S70	24569	(sinter\$5 or fus\$5 or calcin\$5) with ("12"?? or "13"?? or "14"??)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:00
S71	90552	("5"?? or "6"?? or "7"??) with (sinter\$5 or fus\$5 or calcin\$5)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:00
S72	11152	S70 and S71	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:00
S73	54934	rotary with (speed or retort or hammer\$4)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:00

S74	6001	(sinter\$5 or fus\$5 or calcin\$5) with rotary	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:00
S75	19	S72 and S73 and S74 and (ferr\$3 or iron)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:05
S76	130	S72 and S74 and (ferr\$3 or iron)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:21
S77	132667	((("430") or ("399"))).CLAS.	US-PGPUB; USPAT	OR	OFF	2010/04/06 10:21
S78	8	S76 and S77	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:21
S79	132	430/111.32	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:22
S80	2	S72 and S79	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:22
S81	158	S72 and S77	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:23
S82	8	S81 and S74	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:23
S83	124244	("12"?? or "13"?? or "14"??) near3 (temp or temperature or degree or oC or C)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:46
S84	522561	("5"?? or "6"?? or "7"??) near3 (temp or temperature or degree or oC or C)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:46
S85	56229	S83 and S84	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:53
S86	6	S85 and S79	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:53
S87	43121	("12"?? or "13"?? or "14"??) near3 (temp or temperature or degree)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:57
S88	220719	("5"?? or "6"?? or "7"??) near3 (temp or temperature or degree)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 10:57
S89	1	S87 and S88 and S79	US-PGPUB; USPAT	ADJ	ON	2010/04/06 11:10
S90	881	calcin\$6 and sinter\$6 and ((ferr\$5 or iron) with (carrier or core))	US-PGPUB; USPAT	ADJ	ON	2010/04/06 11:11
S91	225	S90 and rotary	US-PGPUB; USPAT	ADJ	ON	2010/04/06 11:11
S92	241	(calcin\$6 with (carrier or ferr\$4 or iron)) and (sinter\$6 with (carrier or ferr\$4 or iron)) and ((ferr\$5 or iron) with (carrier or core))	US-PGPUB; USPAT	ADJ	ON	2010/04/06 14:21
S93	67	S92 and rotary	US-PGPUB; USPAT	ADJ	ON	2010/04/06 14:24
S94	19	(ferrite with carrier) and (ferrite with calcin\$5 with ("5"?? or "6"?? or "7"??))	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:13

S95	49703	("12"?? or "13"?? or "14"??) with (ferr\$5 or carrier or core)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:36
S96	58189	("12"?? or "13"?? or "14"??) with (ferr\$5 or carrier or core or iron)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:36
S97	244636	("5"?? or "6"?? or "7"??) with (ferr\$5 or carrier or core or iron)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:36
S98	17048	(ferr\$5 or iron) with carrier	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:36
S99	1096	S96 and S97 and S98	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:42
S100	260	S99 and rotary	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:42
S101	2820	("12"?? or "13"?? or "14"??) with (ferr\$5 or carrier or core or iron) with (temp or temperature or degree)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:48
S102	13857	("5"?? or "6"?? or "7"??) with (ferr\$5 or carrier or core or iron) with (temp or temperature or degree)	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:48
S103	30	S101 and S102 and S98	US-PGPUB; USPAT	ADJ	ON	2010/04/06 16:52
S104	16917	(ferr\$4 or iron) with carrier	US-PGPUB; USPAT	ADJ	ON	2010/04/09 12:42
S105	29	(carrier or core) with volit\$8	US-PGPUB; USPAT	ADJ	ON	2010/04/09 12:43
S106	57705	(carrier or core or ferr\$5 or iron) with ("5"?? or "6"?? or "7"??) with (heat\$4 or temp or temperature or degree or sint \$7 or cancin\$6 or fus\$7 or volit \$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/09 12:49
S107	30324	(ferr\$4 or iron) with carrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/09 12:52
S108	1951	S106 and S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/09 12:53

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